

**40<sup>th</sup> WEDC International Conference**

<b>Title of Capacity Development Workshop:</b>	Evidence-based Design and Rehabilitation of Pit Latrines
<b>Contact details</b>	
Name of proposing organization/s	University of KwaZulu-Natal
<b>Practical requirements</b>	
<b>Expected duration:</b> half day/full day	Half day
<b>Minimum/ Maximum number of participants</b>	10-36
<b>Staff details</b>	
<b>Names, qualifications and brief description of experience of staff delivering the workshop.</b> Staff should be experienced providers of training, known and competent.	Professor Chris Buckley (UKZN) – 45 years of research and teaching experience Dr Rebecca Sindall (UKZN) - post-doctoral researcher at UKZN, 7 years of research experience, workshop lead for RLSS Commonwealth's Emerging Leaders workshop series
<b>Course details</b>	
<b>Aims:</b> A paragraph summarizing the purpose of the course and how it relates to a need/ demand for the WASH sector	Worldwide, an estimated 1.77 billion people use pit latrines. They can be built from locally available material, are relatively cheap to construct and for many, they are the first step towards safe sanitation. However, there are disadvantages with their use including flies, odour, the risk of poor containment and challenges with pit emptying. Despite their widespread use and the challenges involved, the design of pits worldwide has changed very little over the last 50 years. This workshop will address the existing research on pit latrines so that practitioners are aware of the opportunities available to upgrade existing latrines and improve the construction of new ones. It will also give practitioners the opportunity to share their own experiences of pit latrines to direct future research on this topic.
<b>Intended audience:</b> Explain who the capacity development workshop is suitable for – what is assumed existing knowledge/ level of education/ experience	Sanitation practitioners with experience of or an interest in latrine design, construction, pit emptying.

<p><b>Intended Learning Outcomes/Objectives:</b> Please explain in terms of:</p> <ol style="list-style-type: none"> <li>1. Knowledge and Understanding</li> <li>2. Subject Specific Skills ...</li> <li>3. Key transferable skills ...</li> </ol>	<p>By the end of the workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Understand the research on pit latrines</li> <li>2. Identify opportunities to upgrade and rehabilitate existing pits, making use of the existing evidence base</li> <li>3. Identify opportunities to improve design and construction of new pits, making use of the existing evidence base</li> </ol>
<p><b>Format and Content of Workshop</b> A description of the methods of learning and teaching and the learning styles for each session:</p>	<p>Session 1 (1.5h): Presentation of existing research on different aspects of pit latrines, including pit design, degradation processes in pits, and pit emptying</p> <p>Session 2 (1.5h): Facilitated discussion on the advantages and challenges associated with pit latrines, the potential to implement existing and innovative solutions to those challenges and areas where knowledge is currently lacking, in groups of 5-6 participants. Groups will present their findings back to the workshop in a series of mini-presentations.</p>
<p><b>Materials to be circulated in advance or after the workshop.</b> A description of any handouts or other supporting documents</p>	<p>The slides from the presentation will be circulated after the workshop, along with notes on the group discussions and mini-presentations, and a bibliography of relevant research papers.</p>
<p><b>Means of assessment and feedback to students:</b> A description of how the participants (and their employers) can gauge if they can meet the intended learning outcomes</p>	<p>Participants leaving the workshop will be aware of, and able to explain the key findings on current research on pit latrines and how they are relevant to their own work in the field.</p>
<p><b>Mechanism and means of course evaluation:</b> A description of how the trainers will obtain feedback on the course.</p>	<p>A feedback questionnaire will be distributed to all participants at the end of the workshop.</p>